









**F H E S S U M,**



QVOD

DISSERTATIONE BOTANICA  
DELINEATUM,

VENIA EXP. FAC. MEDICÆ UPSAL.

PRÆSIDE

**CAROL. PET.  
THUNBERG**

EQUITE AURAT. REG. ORD. DE VASA,  
MED. DOCT. PROF. MED. ET BOT. REG. ET ORD. ACAD. CÆSAR. PETROPOL. ET  
NAT. CURIOS. REG. SCIENT. LOND. HOLM. SOCIET. SCIENT. UPS. PHILAD. PATR.  
HOLM. ET CIV. OECON. FINL. BEROL. NAT. SCRUT. PARIS. HAFN. MOSCOU. ET  
HALENS. HIST. NAT. LUND. HARLEM. AMSTELD. ZELAND. NIDROSIENS. TICINENS.  
IENENS. LINN. LONDIN. REG. SCIENT. PHYS. ET PHYTOGRAPH. GÖTTINGENS.  
NANCIENS. MED. MONSPEL. MED. MATRITENS. MEDIC. ET NAT. STUDIOS.  
EDIMBURG. MEMBRO NEC NON ACAD. SCIENT. PARIS. ET INSTITUT. NATION.  
MONSPELIENS. AGRICULT. PARIS. MEDIC. LONDIN. SCANDINAV. FLORENTIN. ET  
BATAVIN. IND. OR. CORRESPOND.

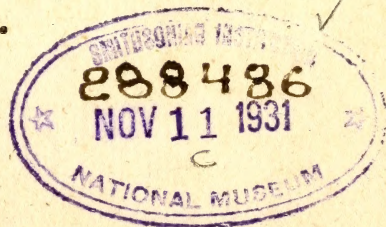
*Publicæ Confusæ submittit*

*B. Fab. Levin,*  
Sudermannus.

IN AUDIT. BOTANICO SUP. D. XXVI MART. MDCCCVI.

H. A. M. S.

*Upsaliæ, Typis Edmannianis.*



W. E. B. DUBOIS

1890

DISSEMINATION OF AFRICAN  
ORIENTALISM

NEW YORK: THE REDDER PRESS

PRASIDE

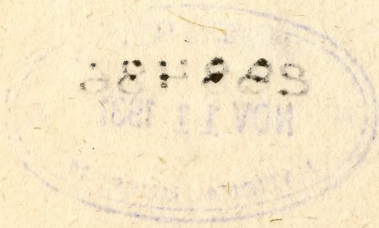
CAROL PEE  
THURBERG

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THE  
L. E. DUBOIS

IN THE  
M. A. D.

W. E. B. DUBOIS



Suppeditavit nobis Africæ aridissimæ promontorium maxime australe, Caput bonæ spei dictum, plurimas THESII species, recentiori sæculo primum detectas, sic ut hæc, a nobis remota regio Patria hujus generis imprimis salutari posse videatur. Nihilominus tamen, tam in Europa quam in America, nonnullæ species indagatæ fuerunt, ut *umbellatum* in Virginia & Pensylvania; *alpinum*, atque *linophyllum* in variis Europæ regionibus. Ex hisce THESIUM *linophyllum* & *alpinum* diutius Botanicis innotuerunt; *pratense* a nonnullis, ut distincta species, descriptum fuit; ac nuperrime *humile* a Celeb. VAHL; *umbellatum* a Celeb. KALM, sub itinere Americano collectum; *frisea*, *spicatum*, *capitatum*, *strictum*, *scabrum*, *amplexicaule*, *euphorbioides*, *colpoon*, ad finem vergente præterlapso sæculo e Capite bonæ spei misæ fuerunt a Celeb. TULBAGHIO & aliis, dum ceteræ hujus regionis species sensim sensimque postea inventæ, descriptæ & rite notæ evaserunt, e. g. *lineatum squarrosum*, *funale*, *fragile*, *paniculatum*, *triflorum*, *spinosum* & *imbricatum*, quorum completiores tecum B.L. heic communicantur delineationes.

Character Generis essentialis:

Cal. 1-phyllus, cui stamina inserta.

Nux infera, monosperma.



## §. 2.

## Specierum characteres.

- \* foliis trigonis minutis:
1. *fragile*: foliis ovato-trigonis carnosis, caule angulato fragili, floribus axillaribus.
  2. *lineatum*: foliis trigonis subulatis, caule angulato striato, floribus axillaribus.
  3. *imbricatum*: foliis trigonis acutis ferrato-scrabis, floribus terminalibus solitariis.
  4. *spinofum*: foliis trigonis spinosis, caule angulato compresso, floribus axillaribus.
  5. *funale*: foliis filiformi-trigonis erectis, caulibus filiformibus, floribus racemosis.
  6. *spicatum*: foliis ovato-trigonis erectis, caule filiformi, floribus spicatis imbricatis.
  7. *striatum*: foliis lineari-trigonis erectis, caule filiformi, floribus umbellatis.
  8. *paniculatum*: foliis lanceolato-trigonis erectis, caule filiformi, ramis floribusque paniculatis.
  9. *squarrosum*: foliis lineari-trigonis reflexis, caule tereti, ramis floribusque paniculatis.
  10. *scabrum*: foliis lineari-trigonis patenti-reflexis scabris, floribus capitatis.
  11. *capitatum*: foliis trigonis mucronatis lævibus, capitulis terminalibus, bracteis ciliatis.
- \*\* foliis lanceolatis planis majoribus:
12. *triflorum*: foliis lanceolatis planis, pedunculis trichotomis.
  13. *frifca*: foliis lanceolato-oblongis obtusis planis, floribus spicatis lanatis.
  14. *alpinum*: foliis ellipticis secundis, floribus axillaribus pedunculatis.

15. *humil-*

DSI





15. *humile*: foliis linearibus subcarnosis, floribus axillaribus  
sesilibus.
16. *linophyllum*: foliis ensiformibus decurrentibus, florum  
racemis virgatis.
17. *umbellatum*: foliis obovatis mucronatis, floribus race-  
mosis.
- \* \* \* foliis ovatis:
18. *amplexicaule*: foliis cordatis amplexicaulibus, racemis  
terminalibus.
19. *euphorbioides*: foliis ovatis sesilibus, panicula termi-  
nali foliosa.
20. *colpoon*: foliis ovatis petiolatis, panicula trichotoma  
aphylla.

## §. 3.

## Descriptiones Specierum.

**T. fragile**: foliis trigono-ovatis, caule angulato, floribus  
axillaribus.

*Thesium fragile*. Linn. Syst. Veg. XIV. p. 250. Suppl.  
p. 162. Willdenow. Spec. Plant. I. 1215.

Crescit in Saldahna bay, in arenosis St. Helenæ bay.

Floret Septembri.

Fruticulus pedalis & ultra, totus glaber, erectus, vire-  
scens, angulatus angulis pallidioribus, fragilis,  
pedalis vel paulo ultra.

Rami & Ramuli sparsi, superne frequentiores, erecto-pa-  
tentes, cauli similes.

Folia sparsa, sessilia, remota, ovata, trigona, inermia,  
integra, dorso decurrentia, minutissima, vix lineam  
dimidiam longa.

Flores in ramulis & axillis foliorum, minuti, sessiles.

**T. lineatum**: foliis lanceolatis remotis, ramis striatis erectis.

The-



*Thesium lineatum* Linn. Syst. Veg. xiv. p. 250. Suppl.  
p. 162. Wildenow. I. p. 1212.

Crescit in Cairo infra Bockland.

Floret Octobri.

Caulis fruticosus, totus glaber, striatus, aphyllus, erectus,  
pedalis & ultra.

Rami & Ramuli alterni, similes divaricato-patuli, vi-  
rentes, foliosi.

Folia sparsa, sessilia, lanceolata, ultima lanceolato-subu-  
lata, integra, glabra, remota, erecto-patentia,  
lineam longa.

*T. imbricatum*: foliis trigonis acutis ferrato-scabris, flori-  
bus terminalibus solitariis.

Caulis fruticosus, rigidus, flexuosus, fuscus, scaber, ra-  
mosus, palmaris.

Rami alterni, flexuosi seu retroflexi, cauli similes, iterum  
ramulosi, subfastigiati.

Folia sparsa, sessilia, trigona, acuta, glabra, margine  
ferrato-scabra, imbricato-patula, frequentia, semi-  
lineam longa.

Flores in ramulis terminales, solitarii.

*T. spinosum*: foliis subulatis spinosis, floribus axillaribus.

*Thesium spinosum* Linn. Syst. Veg. xiv. p. 250. Suppl.  
p. 161. Wildenow. I. p. 1217.

Crescit in Saldana bay prope Comp. post.

Floret Octobri, Septembri.

Frutex decumbens, totus glaber, teres, cinereo-albus.

Rami alterni, cauli similes.

Ramuli frequentes, iterum ramulosi, secundi, angulati,  
flexuosi, diffusi, ultimi filiformes, virides.

Folia sparsa, frequentia, sessilia, trigona, subulata, spi-  
nosa spina terminali flavescente, horizontaliter pa-  
tentia, vix lineam longa.

Flo-

Flores in axillis foliorum pedunculati, solitarii.

Nux globosa, cinerea, unilocularis.

*T. funale*: foliis lineari-lanceolatis acutis, ramis striatis elongatis, floribus subspicatis.

Thesium funale. Linn. Spec. Plant. p. 302. Thesium spicatum Linn. Syst. Veg. xiv. p. 240. Willdenow. I. p. 1213.

Crescit in collibus prope Cap, infra Tafelberg, inque ejus lateribus, prope Constantiam & alibi.

Floret Majo, Junio.

Fruticulus brevissimus ramis filiformibus, elongatis, laxis, rarius ramosis, apice teretibus, tenuissime striatis, patentibus erectis, glabris, spithamæis.

Folia sparsa, remota, sessilia, lineari-lanceolata, basi adpressa, apice patentia, acuta, integra, glabra, lineam longa vel ultra.

Flores in ramis subverticillato-aggregati, subspicati.

Spica vel densa, vel remotis floribus interrupta, bracteata, pollicaris & ultra.

Bracteæ ovatæ, acutæ.

Carollæ barbatae.

Certe *T. funale* & *spicatum* mihi idem videtur: variat enim:

1. Caulibus elongatis & apice ramosis.

2. Spica densiori vel tenuiori.

*T. spicatum*: foliis ovato-trigonis erectis, caule erecto, floribus imbricato-spicatis.

Thesium spicatum. Willdenow. I. p. 1214.

Caulis frutescens, erectus, subangulatus, prolifer.

Folia subulata, lævia, minutissima.

Spica obovata, pollicaris.

Caulis in hoc strictior quam in *funali*.

*T. stri-*



**T. strictum:** foliis lanceolatis decurrentibus, floribus terminalibus subumbellatis.

*Thesium strictum* Linn. Syst. Veg. xiv. p. 249. Mant. p. 214. Wildenow. I. p. 1214.

Crescit in collibus prope urbem, inque montibus variis. Floret Augusto & sequentibus mensibus.

Fruticulus erectus, fuscus, totus glaber, pedalis & ultra. Rami sparsi, elongati, subsimplices vel apice ramulosi, subangulati, fusci, subsfastigiati.

Folia sparsa, remota, sessilia, decurrentia, lanceolata, integra, glabra, supra plana, subtus convexa, basi adpresas, apice patula, lineam longa.

Flores in apicibus ramorum terminales, subumbellati vel paniculati.

Nux globosa, cinerea, reticulata.

Multum variat 1:0 foliis frequentioribus & remotis.

2:0 caule magis vel minus paniculato.

**T. paniculatum:** foliis lanceolatis remotis, ramis angulatis diffusis, floribus terminalibus.

*Thesium paniculatum.* Linn. Syst. Veg. xiv. p. 250. Mant. p. 51. Wildenow. I. p. 1215.

Crescit in monte Bockland.

Floret Septembri, Octobri.

Fruticulus totus decumbens & ramis diffusus, brevis.

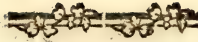
Rami & Ramuli alterni, copiosissime paniculati, filiformes & capillares, diffusi, subangulato-striati, pubescenti-scabridi, rufofuscescentes.

Folia sparsa, sessilia, lanceolata, inermia, reflexa, patentia, remota, lineam longa.

Flores in ultimis ramulis terminales, terni vel plures, sessiles.

**T. squarrosum:** foliis lanceolatis reflexis, floribus axillaribus pedunculatis.

The-



*Thesium squarrosus*, Linn. Syst. Veg. xiv. p. 250. Suppl.  
p. 162. Willdenow. I. p. 1213.

Crescit in interioribus Africæ regionibus.

Frutex erectus, totus glaber, teres, cinereus, pedalis  
& ultra.

Rami & Ramuli sparsi, frequentes, filiformes, striati,  
paniculati, virgati.

Folia sparsa, sessilia, lanceolata, acuta, integra, patentia  
& reflexa, vix lineam longa.

Flores axillares, solitarii, breviter pedunculati.

*T. scabrum*: foliis trigonis imbricatis scabris, caule tere-  
ti, floribus terminalibus.

*Thesium scabrum*. Linn. Syst. Veg. xiv. p. 249. Sp. Pl.  
p. 302. Willdenow. I. p. 1215.

Crescit in summo monte Middelste Roggefeldt.

Floret Septembri, Octobri.

Frutex parvus, spithamæus, flexuoso-erectus, teres, fu-  
scus, a casu foliorum nodosus.

Rami & Ramuli cauli similes, divaricato-patentes, sen-  
sim breviores, summi fastigiati.

Folia frequentissima, subverticillata, sessilia, trigono-sub-  
ulata, ciliato-scabra, imbricata apice patulo, vix  
lineam longa.

*T. capitatum*: foliis trigonis mucronatis lævibus, capitulis  
terminalibus, bracteis ciliatis.

*Thesium capitatum*. Linn. Syst. Veg. xiv. p. 249. Sp. Pl.  
p. 302. Willdenow. I. p. 1214.

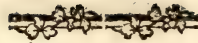
Crescit in lateribus Tafelberg.

Floret Augusto & sequentibus mensibus.

Frutex erectus, teres, fuscus, nodulosus, bipedalis &  
ultra.

Rami subumbellato-aggregati, elongati, striati.

Ramuli versus apicem ramorum aggregati, subumbellati,  
virgati.



Folia sparsa, frequentia, sesfilia, decurrentia, trigono-lanceolata, mucronata, integra, lævia, inferiora reflexa, suprema imbricato-patula, unguicularia.

Flores in apicibus ramulorum terminales, spicati spica subglosa.

Bractææ ovatæ, margine membranaceæ, ciliatæ.

Corollæ barbatæ.

*T. triflorum*: foliis lanceolatis, caule angulato, pedunculis trichotomis.

*Thesium triflorum* Linn. Syst. Veg. xiv. 250. Suppl. p. 162. Willdenow. I. p. 1216.

Crescit in Krakakama-

Floret Novembri, Decembri.

Frutex erectus, totus glaber, angulatus, pedalis & ultra.

Rami sparsi, subsecundi, angulati, patentes.

Folia ovato-lanceolata, acuta, plana, integra, glabra, patentia, unguicularia superioribus sensim minoribus.

Flores in ramis alterni, paniculati.

Panicula trichotoma, divaricata.

*T. frisea*: foliis lineari-lanceolatis, caule decumbente, floribus spicatis.

*Thesium frisea* Linn. Syst. Veg. xiv. p. 249. Mant. p. 213. Willdenow. I. p. 1213.

Crescit in maritimis sabulosis prope exitum Verloren Valley in mare.

Floret Octobri.

Radix descendens, longa, fibrosa.

Tota planta carnosa, diffusa, apicibus florentibus erectis.

Caules e radice plurimi, filiformes, ramosi & simplices, sæpe radicantes, palmares usque pedales.

Rami alterni, elongati, teretes, obsolete striati, diffusi, rarius ramulosi, glabri.

Folia

Folia alterna, subpetiolata, valde crassa, subtus convexa, supra plana, oblongo-lanceolata, integra, frequentia, patentia, unguicularia.

Petiolus brevissimus vel vix ullus.

Spicæ florum terminales, ovatæ.

Corolla barbata.

*T. alpinum* foliis linearibus secundis, racemo folioso.

*Thesium apinum*. Willdenow. I. p. 1212.

Caulis fruticescens, teres, striatus, glaber, ramosus, vel caules plures e radice, erectus, palmaris usque pedalis.

Rami alterni, similes, secundi, pauci.

Folia sparsa, elliptica, acuta, integra, glabra, secunda, patentia, unguicularia usque pollicaria.

Flores per totum caulem axillares, breviter pedunculati, secundi, glabri.

Habitat in Barbaria Schousboe, in Sveciæ Smolandia.

*T. humile*: foliis linearibus, floribus axillaribus sessilibus.

*Thesium humile*. Willdenow. I. p. 1212.

Habitat Tuneti. Vahl.

Caulis herbaceus, erectus, vix palmaris, a basi statim ramosus.

Racemi angulati, glabri, ramulosi.

Folia linearia, crassa, acuta, sesquipollicaria.

*T. linophyllum*: foliis ensiformibus, racemis virgatis.

*Thesium linophyllum*. Willdenow. I. p. 1211.

Caulis herbaceus, simplex, erectus, glaber, angulatus, pedalis.

Folia alterna, sessilia, decurrentia, ensiformia, acuminata, integra, glabra, trinervia, erecta, tripollicaria, summa sensim minora.

Florum racemi alterni, axillares, virgati, bracteati.

Bracteæ triphyllæ.



*T. umbellatum*: foliis oblongis, floribus umbellatis.

*Thesium umbellatum*. Willdenow. I. p. 124.

Caulis herbaceus, erectus, glaber, striatus, simplex, summo apice ramosus, pedalis & ultra.

Rami alterni, pauci, erecti, fastigiati.

Folia alterna, subsessilia, ovata, inferne attenuata, obtusa cum acumine, integra, glabra, erecto-patentia, unguicularia.

Flores in ultimis ramis racemosi.

Bractæ lanceolato-setaceæ.

*T. amplexicaule*: foliis cordatis amplexicaulibus, floribus subspicatis secundis ciliato-lanatis.

*Thesium amplexicaule*. Willdenow. I. p. 1216.

Caulis sublignosus, subangulatus, erectus, lævis.

Folia alterna, amplexicaulia, cordata, acutiuscula, integra, lævia, crassa, pollicaria.

Racemi terminales floribus mixtis bracteis majoribus ovatis.

*T. euphorbioides*: foliis ovatis acutis carnosis, ramis dichotomis, floribus terminalibus.

*Thesium euphorbioides*. Linn. Syst. Veg. xiv. p. 250.  
Willdenow. I. 1216.

Crescit in montibus prope Plattekloof, Hottentots Holland.

Floret Decembri, Januario.

Frutex erectus, totus glaber, fusco-rufescens, angulatus, pedalis & ultra.

Rami similes, dichotome alterni, erecti.

Folia alterna, sessilia, subrotundo-ovata, acuta, integra, plana, carnosia, imbricata, unguicularia.

Flores in ramis terminales, subpaniculati panicula triflora.

Bractæ foliis similes.

Nu-



**Nuces angulatæ.**

**T. colpoon:** foliis ovatis mucronatis, ramis trichotomis, paniculis terminalibus.

**Thesium colpoon.** Linn. Syst. Veg. xiv. p50. Suppl. p. 161. Willdenow. I. p. 1216.

**Colpoon compressum.** Berg. Capens. p.

Crescit in collibus infra Tafelberg versus occidentem & alibi.

Floret Majo & sequentibus Mensibus.

Frutex erectus, totus glaber, bipedalis & ultra.

Rami trichotomi uti & ramuli, compresso-angulati, virescentes, erecti.

Folia petiolata, ovata, acuminata, integra, plana, erecto-patula, pollicaria.

Petioli trigoni, vix lineam longi.

Flores in apicibus ramulorum paniculati panicula decomposita trichotoma.

**Nux ovata, lævis.**

1848

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